DEC 21 1999

/Aff GAU-2836¥

0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	09/083,769
TRANSMITTAL FORM *(to be used for all correspondence during pendency of filed application)*		Filing Date	**May 22, 1998**
		First Named Inventor	**Gerard McGoogan**
		Group Art Unit Number	2836
		Examiner Name	**Ronald W. Leja**
Total Number of Pages in This Submission	14	Attorney Docket Number	3454 US

ENCLOSURES *(check all that apply)*

☑ Fee Transmittal Form (in duplicate)

  ☑ Check Enclosed

☑ Return Receipt Postcard

☐ Response to Notice to File Missing Parts

☐ Assignment & Recordation Cover Sheet

☐ Declaration

☐ Small Entity Statement

☐ Information Disclosure Statement & PTO-1449

  ☐ Copies of IDS Cited References

☐ Request for Corrected Filing Receipt

☐ Request for Correction of Recorded Assignment

☑ Amendment/Response: 11 Page(s)

  ☑ After Final

☐ Status Request

☐ Revocation and Power of Attorney

☐ Issue Fee Transmittal

☐ Letter to Chief Draftsperson

☐ Formal Drawing(s):
    [ ] Sheet(s) of Figure(s) [ ]

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Certified Copy of Priority Document(s)

☐ After Allowance Communication to Group

☐ _____

☐ _____

☐ _____

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☐ _____

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT

Signature:			
Attorney/Reg. No.:	**Greg T. Sueoka/33,800**	Dated:	**December 16, 1999**

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.

Signature:			
Typed or Printed Name:	**Greg T. Sueoka**	Dated:	**December 16, 1999**

19900/03454/DOCS/975545.1

PTO/SB/17 (6-95)(modified)
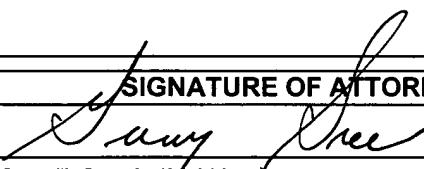Approved for use through 11/30/96, OMB 0651-0032
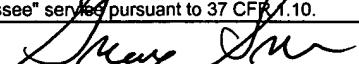Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO(modified) Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	**Complete if Known**	
		Application Number	09/083,769
FEE TRANSMITTAL		Filing Date	May 22, 1998
		First Named Inventor	Gerard McGoogan
		Group Art Unit	2836
TOTAL AMOUNT OF PAYMENT		Examiner Name	Ronald W. Leja
Subtotal (1) + Subtotal (2) + Subtotal (3) = **($)110.00**		Attorney Docket Number	3454 US

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to:

[ ] Charge the indicated fees to the below mentioned deposit account.

[X] Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. †

[ ] Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.

Deposit Account Number: 19-2555
Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. [X] Payment Enclosed:
[X] Check   [ ] Other

FEE CALCULATION (fees effective 11/12/98)

1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/$760	201/$380	Utility Filing	
106/$310	206/$155	Design Filing	
108/$760	208/$380	Reissue	
114/$150	214/$75	Provisional Filing	
		SUBTOTAL (1)	**($)0**

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/$18	203/$9	Claims in excess of 20
102/$78	202/$39	Independent claims in excess of 3
104/$260	204/$130	Multiple dependent claim
109/$78	209/$39	Reissue independent claims over original patent
110/$18	210/$9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/$130	205/$65	Surcharge - late filing fee or oath	
127/$50	227/$25	Surcharge-late provisional filing fee or cover sheet	
147/$2,520	147/$2,520	For filing a request for reexamination	
115/$110	215/$55	Extension for response within first month†	110
116/$380	216/$190	Extension for response within second month†	
117/$870	217/$435	Extension for response within third month†	
118/$1,360	218/$680	Extension for response within fourth month†	
128/$1,850	228/$925	Extension for response within fifth month†	
119/$300	219/$150	Notice of Appeal	
141/$1,210	241/$605	Petition to revive unintentionally abandoned Application	
142/$1,210	242/$605	Utility Issue Fee (Or Reissue)	
143/$430	243/$215	Design Issue Fee	
122/$130	122/$130	Petitions to the Commissioner	
123/$50	123/$50	Petitions related to provisional applications	
126/$240	126/$240	Submission of Information Disclosure Statement	
581/$40	581/$40	Recording each patent assignment per property (times number of properties)	
146/$760	246/$380	Filing a submission after final rejection (37 CFR 1.129(a))	
149/$760	249/$380	For each additional invention to be examined (37 CFR 1.129(b))	
		Other fee (specify):	
		Other fee (specify):	
		SUBTOTAL (3)	**($)110**

For	No. of Existing Claims (Col. 1)		Highest No. Previously Paid For (Col. 2)		Extra** (Col. 3)		Fee		Fee Due
TOTAL		minus*	20	or		=	x	=	
INDEP		minus*	3	or		=	x	=	
[ ] First presentation of multiple dependent claim								=	

* Subtract the greater number of Col. 2
** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) ($)0

SUBMITTED BY		**Complete (if applicable)**	
Typed or Printed Name	Greg T. Sueoka	Reg. Number	33,800
Signature		Date	December 16, 1999

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby

Rev. 11/04/99
19900/03454/DOCS/975548.1

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE
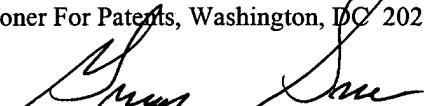
APPLICANT: Gerard McGoogan

SERIAL NO.:   09/083,769

FILING DATE: May 22, 1998

TITLE: Improvements In Intrinsically Safe Circuits

EXAMINER: Ronald W. Leja

GROUP ART UNIT: 2836

ATTY. DKT. NO.:   3454

BOX AF
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

AMENDMENT B

Sir:

     Responsive to the official action mailed August 16, 1999, please amend the above-referenced application as set forth below.

Do Not enter

12/22/1999 SLUANG1 00000129 09083769
01 FC:115   110.00 OP

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